

# Georgia Weekly Influenza Report

MMWR Week 01

Updated 1/12/2018

## Week 01 (December 31 — January 6, 2017) Synopsis

During week 01 there was **HIGH** influenza-like illness intensity with **WIDESPREAD** occurrences throughout Georgia.

- **Outpatient Illness Surveillance (ILINet):** The proportion of outpatient visits for ILI was **6.8%**, which is **above** the regional baseline of 1.9%.
- **Geographic Spread of Influenza:** The geographic spread of influenza in Georgia was **WIDESPREAD** during week 01.
- **Metro Area Hospitalizations:** There were 56 hospitalizations due to influenza infection during week 01. There have been 307 hospitalizations due to influenza so far this season.
- **Influenza Related Deaths:** As of 1/12/2018, there have been 5 confirmed influenza-associated deaths for the 2017-2018 season.
- **Viral Surveillance:** Of the **1,185** specimens tested by Georgia clinical laboratories reporting to the National Respiratory and Enteric Virus Surveillance System (NREVSS) during week 01, and **361 (30.5%)** were positive for influenza. Public Health Laboratories tested 2 specimens during week 01, 2 specimens was positive for influenza.
- **Reported Influenza Outbreaks:** There have been 26 influenza outbreaks reported to DPH so far this season.
- **RSV Viral Surveillance:** Of the **444** specimens tested and reported by the Georgia Public Health Laboratory (GPHL) and the National Respiratory and Enteric Virus Surveillance System (NREVSS) collaborating laboratories during week 52, the percent positive of **ALL** laboratory tests was **23.4%**.

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## Flu News

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[Health Map Vaccine Finder](#)

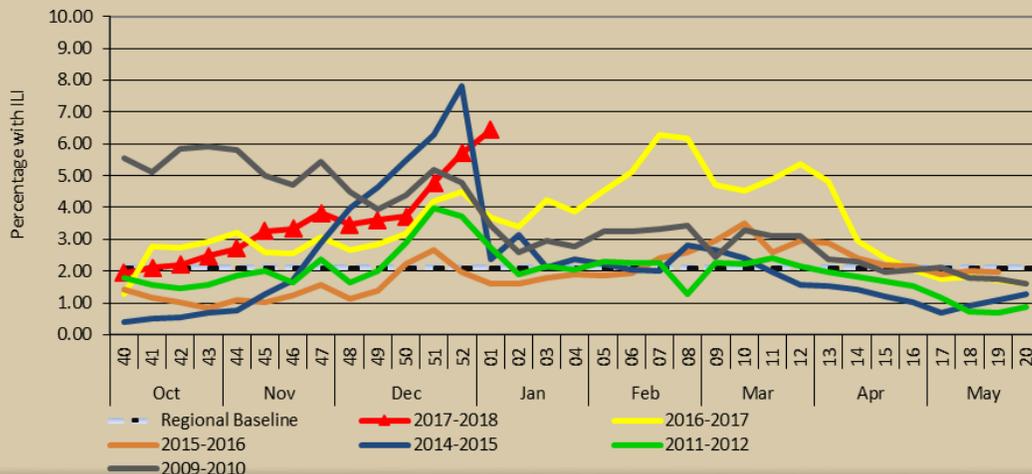
[Experts decry lack of flu pandemic readiness, commitment](#)

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**Percentage of patients with ILI reported by ILINet providers**  
(Volunteer providers who report percentage of patients with ILI seen by their practice or facility weekly. This week there are currently **51** ILINet providers reporting in Georgia.)

**ILINet Provider Network Data**

**Percentage of patients with ILI who visited an ILINet provider, Georgia, 2017-2018 and Selected Previous Seasons**

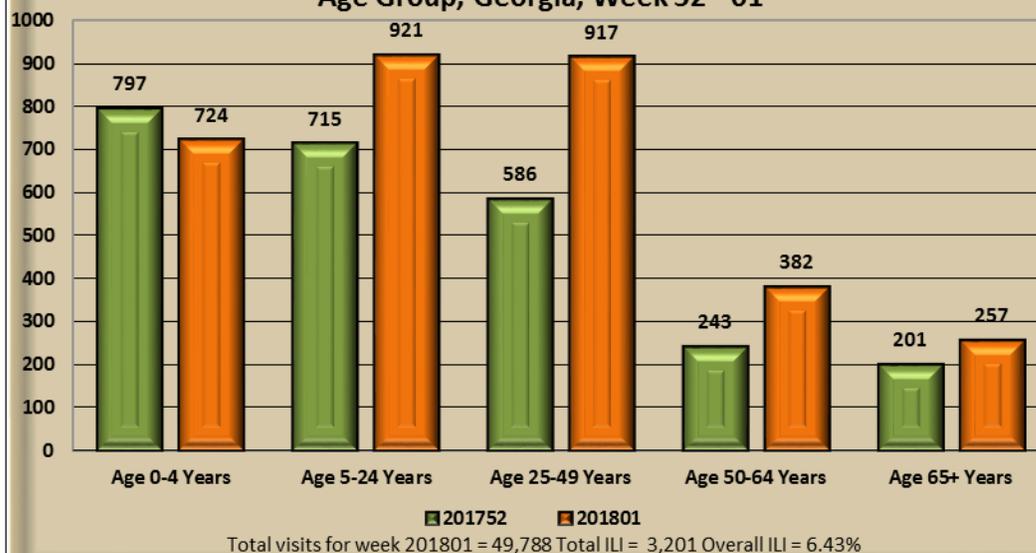


This Week: **6.4%** of patients seen in ILINet Provider offices were seen with ILI.

Note: The Georgia baseline is formulated by averaging ILI percentage during weeks of endemic activity determined by laboratory results for influenza.

**ILINet Patient Visits By Age Group**

**Number of Patients Seen with ILI Among ILINet Providers by Age Group, Georgia, Week 52 - 01**



**ILINet patient visits by age group**

This graph displays the number of patients seen at sentinel provider offices and diagnosed with ILI in the past week. The data are stratified by age-group.

During **week 01** those under 24 years of age were most often seen with ILI symptoms by ILINet providers.

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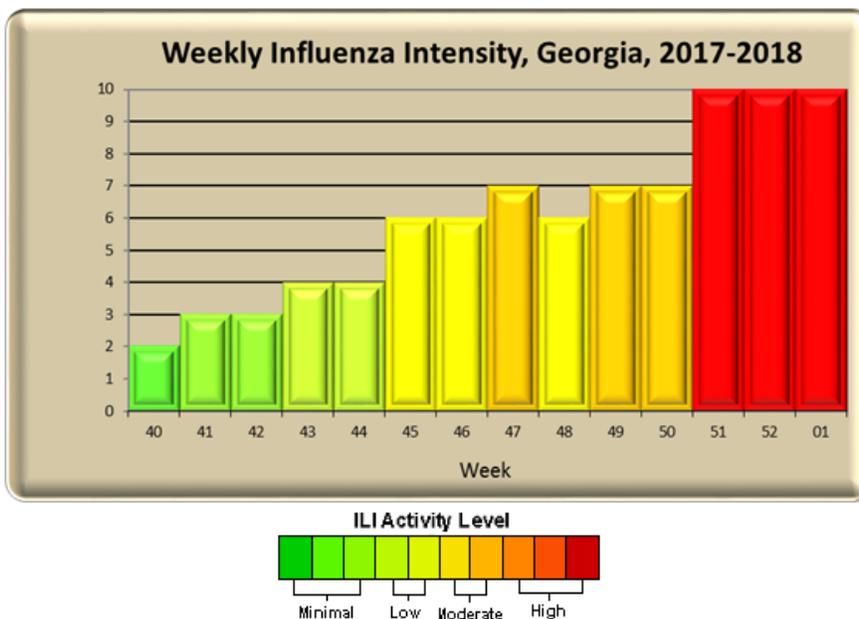
**ILI Activity Level Indicator - ILINet**

(This graph uses the proportion of outpatient visits for ILI to measure the ILI severity in Georgia.) For a national view, visit <http://cdc.gov/flu/weekly/>)

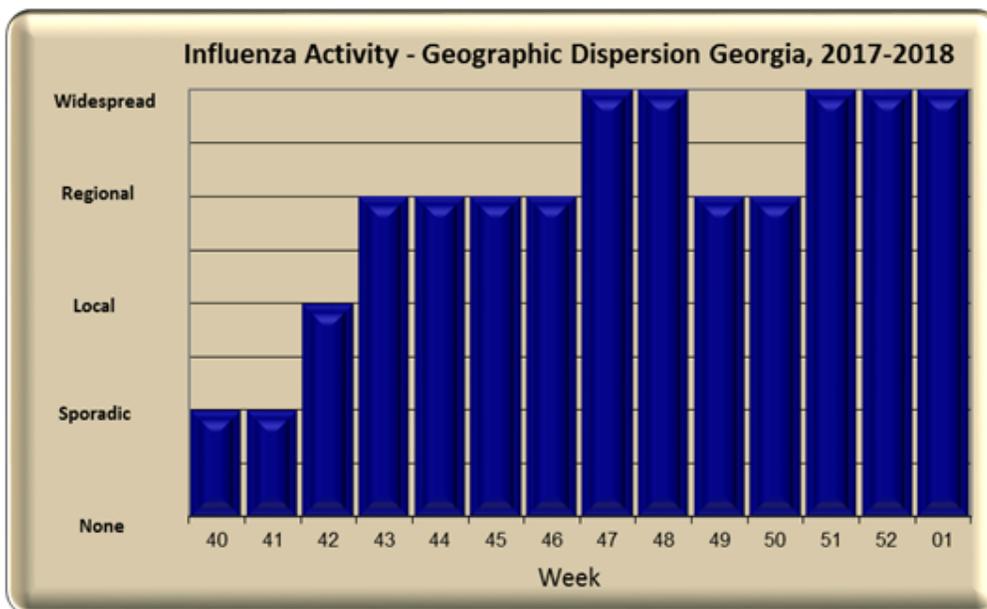
**Georgia ILI Intensity Indicator**

ILI Activity Levels (1 - 10) correspond to the number of standard deviations away from the 3-year mean for the current week.

This week the intensity level is: **High = 10**



**Georgia ILI Geographic Dispersion**



This Week's Flu Code is:

**WIDESPREAD**

Increased ILI and/or institutional outbreaks (ILI or lab confirmed) in at least half of the regions

AND

Recent (within the past 3 weeks) lab confirmed influenza in the state in region with the outbreaks; virus activity is no greater than sporadic in other regions

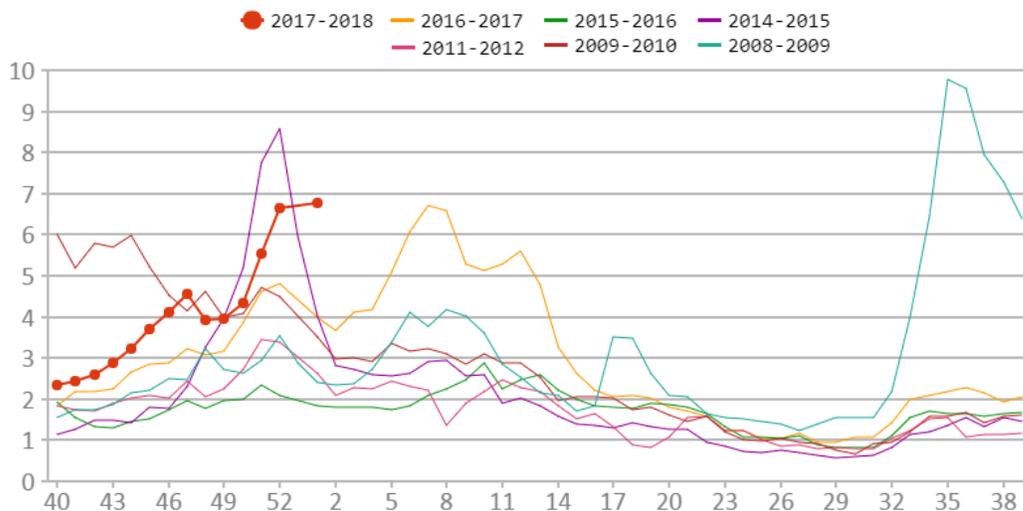
**Council of State and Territorial Epidemiologists Report – Geographic Dispersion**

(This graph reflects geographic dispersion and is not an indicator of influenza severity)

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Syndromic Surveillance  
Data Daily Influenza-like  
Illness Syndrome  
(percentage of ILI visits)

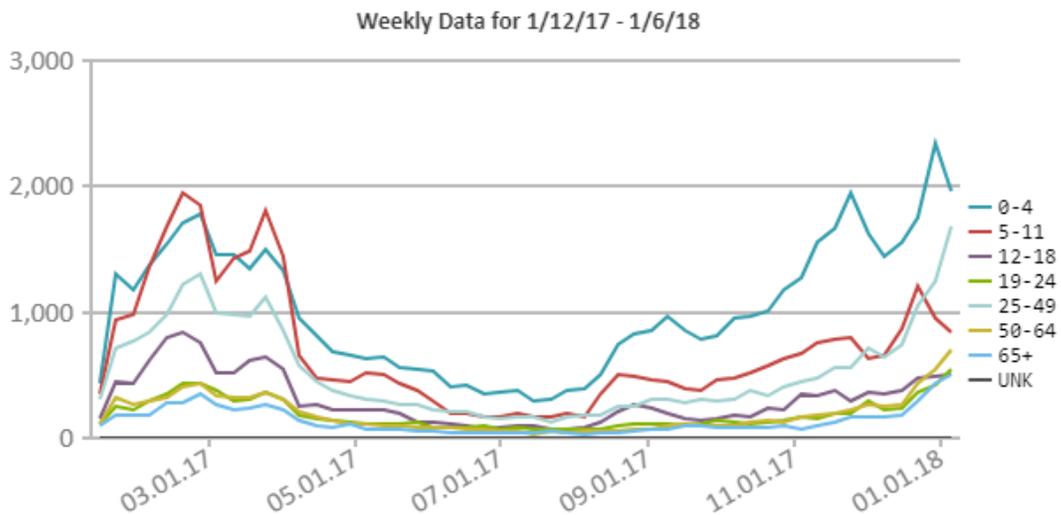
Percent of ILI Visits to Georgia Emergency Departments by  
MMWR Week



During **week 01** the weekly percentage of patients seen for ILI in Georgia Emergency Departments reporting to our syndromic surveillance system was 6.8%, relatively the same compared to the previous week (from 6.7% during week 52).

Number of Patient Visits with ILI Syndrome by Age Group

Syndromic Surveillance  
Data Weekly Influenza-like  
Illness Syndrome  
(Number of ILI visits by Age  
Group)



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### Georgia Influenza-Associated Hospitalizations

Age Group	Number of Hospitalizations (8- County Metro-Area Only)
0 - 4	23
5 -17	19
18 - 49	75
50 - 64	65
65+	125
Unknown	0
<b>Total</b>	<b>307</b>

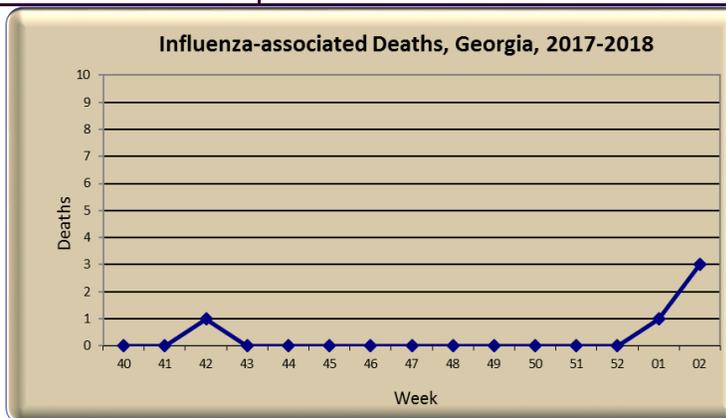
**Influenza Hospitalizations in the eight county metro Atlanta area 2017-2018** (Emerging Infections Program data)



### Georgia Influenza-Associated Deaths

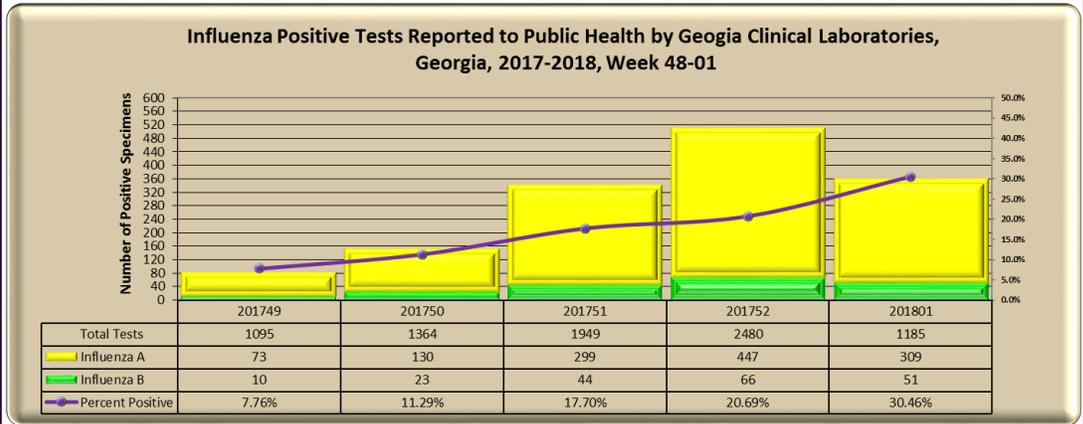
Age Group	Number of Deaths
0 - 4	0
5 -17	0
18 - 51	0
51 - 64	0
65+	5
<b>Total</b>	<b>5</b>

**Influenza-Associated Deaths 2017-2018 Statewide** (Influenza-associated deaths are a notifiable condition in Georgia)



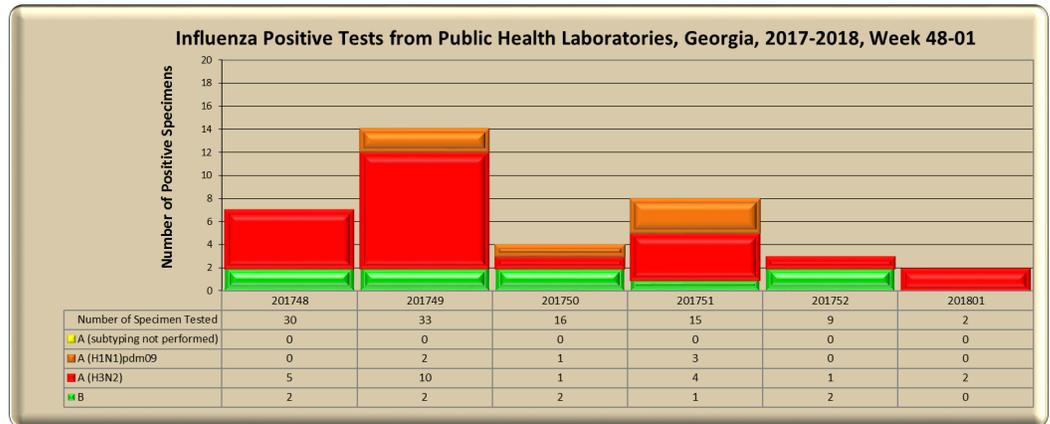
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**Georgia Virologic Surveillance Data**



During **week 01** Georgia clinical laboratories reporting to NREVSS tested 1,185 specimens for influenza, 361 (30.5%) were positive. Both influenza A and B were identified.

Note: No subtyping information will be released from clinical laboratories



Public Health Laboratories tested 2 specimens for influenza during **week 01**. **Influenza A(H3N2) was identified.**

**Georgia threshold of RSV season onset and end**

RSV season onset is defined as the first week of two (2) consecutive weeks when the percent positive of **ALL** lab confirmed tests are greater than or equal to 10%. The end of RSV season is now defined as the first week of two consecutive weeks when the percent positive of **ALL** lab confirmed tests are less than 10%.

**RSV Season Status: ON**

**Respiratory Syncytial Virus (RSV) Surveillance Data**

